



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/679,164
Filing Date	10/04/2003
First Named Inventor	Nikitin
Art Unit	2193
Examiner Name	Mai, Tan V.
Attorney Docket Number	Nikitin 0301

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
Man	B2	JP411047131A	02-23-1999	Hwang, et al.		
Man	B3	WO 01/75660 A1	10-11-01	Nikitin, et. al		

**Examiner
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of 3

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Application Number	10/679,164
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Attorney Docket Number	Nikitin 0301

U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)	MM-DD-YYYY		
llan	A1	US- 4,513,440	04/23/1985	Delman	
	A2	US- 4,682,230	07/21/1987	Perlman, et al.	
	A3	US- 5,144,568	09/01/1992	Glover	
	A4	US- 5,315,171	05/24/1994	Blauer, et al.	
	A5	US- 5,384,865	01/24/1995	Loveridge	
	A6	US- 5,408,675	04/18/1995	Florentino, et al.	
	A7	US- 5,414,472	05/09/1995	Hwang	
	A8	US- 5,426,785	06/20/1995	Coffield	
	A9	US- 5,446,501	08/29/1995	Takemoto, et al.	
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	A12	US- 6,121,817	09/19/2000	Yang, et al.	
	A13	US- 6,223,083 B1	04/24/2001	Rosar	
	A14	US- 6,219,102 B1	04/17/2001	Wagner, et al.	
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		US-			
		US-			

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llan	B1	WO 03/025512 A2	03/27/2003	Nikitin et al.		

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Nikitin 0301

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Men	C1	OCIOA, E.; ALLEBACH, J.P.; SWEENEY, D.W.; Optical Median Filtering Using Threshold Decomposition; Applied Optics; 15 January 1987; pgs. 252-260; Vol. 26, No. 2; US.	
	C2	PAUL, S.; HUPER, K; Analog Rank Filtering; IEEE Transactions on Circuits and Systems—I: Fundamental Theory and Applications; 7 July 1993; pgs. 469-476; Vol. 40, No. 7.	
	C3	URAHAMA, K.; NAGAO, T.; Direct Analog Rank Filtering; IEEE Transactions on Circuits and Systems—I: Fundamental Theory and Applications; 7 July 1995; pgs. 385-388; Vol. 42, No. 7.	
	C4	NIKITIN, A.V.; DAVIDCHACK, R.L.; ARMSTRONG, T.P.; The Effect of Pulse Pile-up on Threshold Crossing Rates In A System With A Known Impulse Response;	
		Nuclear Instruments & Methods in Physics Research-Section A; 1998; pgs. 1-29; A411; 159-171; Department of Physics and Astronomy, University of Kansas, Lawrence, Kansas, US.	
	C5	NIKITIN, A.V.; Pulse Pileup Effects In Counting Detectors; Ph.D. Thesis; September 1998; Department of Physics and Astronomy, University of Kansas, Lawrence, Kansas, US.	
	C6	KEBEDE, S; KUOSMANEN, P.; VAINIO, O; ASTOLA, J.; Simple Circuit For Implementation Of An Analog Stack Filters; Symposium Article;	
		Tampere University of Technology—Signal Processing Laboratory; May 1994; pgs. 1-4; Tampere University of Technology; Finland	
	C7	NICHOLSON, D.R.; Introduction to Plasma Theory; Chapter 3—Plasma Kinetic Theory I: Klimontovich Equation; 1983; pgs. 37-44; Krieger Publishing Company.	
✓	C8	NICHOLSON, D.R.; Introduction to Plasma Theory; Chapter 4—Plasma Kinetic Theory II: Liouville Equation; 1983; pgs. 45-47; Krieger Publishing Company.	

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<i>Mer</i>	C9	NIKITIN, A.V.; DAVIDCHACK, R. L.; ARMSTRONG, T. P.; Analog multivariate counting analyzers; Nuclear Instruments & Methods in Physics Research-Section A;	
		2003; pgs. 465-480; Vol. A496; No. 2-3; Elsevier; Netherlands.	
	C10	VLASSIS, S.; DORIS, K.; SISKOS, S.; PITAS, I.; Analog implementation of erosion/dilation, median and order statistics filters; Pattern Recognition;	
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	C11	DIAZ-SANCHEZ, A.; RAMIREZ-ANGULO, J.; LEMUS-LOPEZ, J.; Analog Adaptive Median Filters; Analog Integrated Circuits and Signal Processing; 2003; pgs. 207-213; Vol. 36.; Kluwer;	
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	C12	FERREIRA, P.J.S.G.; Sorting Continuous-Time Signals and the Analog Median Filter; IEEE Signal Processing Letters; Oct. 2000; pgs. 281-283; Vol. 7; No. 10; US	
	C13	CILINGIROGLU, U.; DAKE, L.E.; Rank-Order Filter Design With a Sampled-Analog Multiple-Winners-Take-All Core; IEEE JOURNAL OF SOLID-STATE CIRCUITS; Aug. 2002; pgs. 978-984;	
<i>✓</i>		Vol. 37, No. 8; US	

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